

Hydroxyalkated high performance curable polymers

Patent Number: ☐ EP0827028, A3
Publication date: 1998-03-04
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Requested Patent: ☐ JP10090895
Application Number: EP19970306199 19970815
Priority Number(s): US19960705365 19960829
IPC Classification: G03F7/038
EC Classification: G03F7/012P, G03F7/038S, G03F7/038, B41J2/16B2, G03F7/00
Equivalents: ☐ US5849809

Abstract

Disclosed is a composition which comprises (a) a defined polymer containing at least some monomer repeat units with photosensitivity-imparting substituents which enable crosslinking or chain extension of the polymer upon exposure to actinic radiation, wherein said photosensitivity-imparting substituents are hydroxyalkyl groups; (b) at least one member selected from the group consisting of photoinitiators and sensitizers; and (c) an optional solvent. Also disclosed are processes for preparing the above polymers and methods of preparing thermal ink jet printheads containing the above polymers.

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